Figure 1

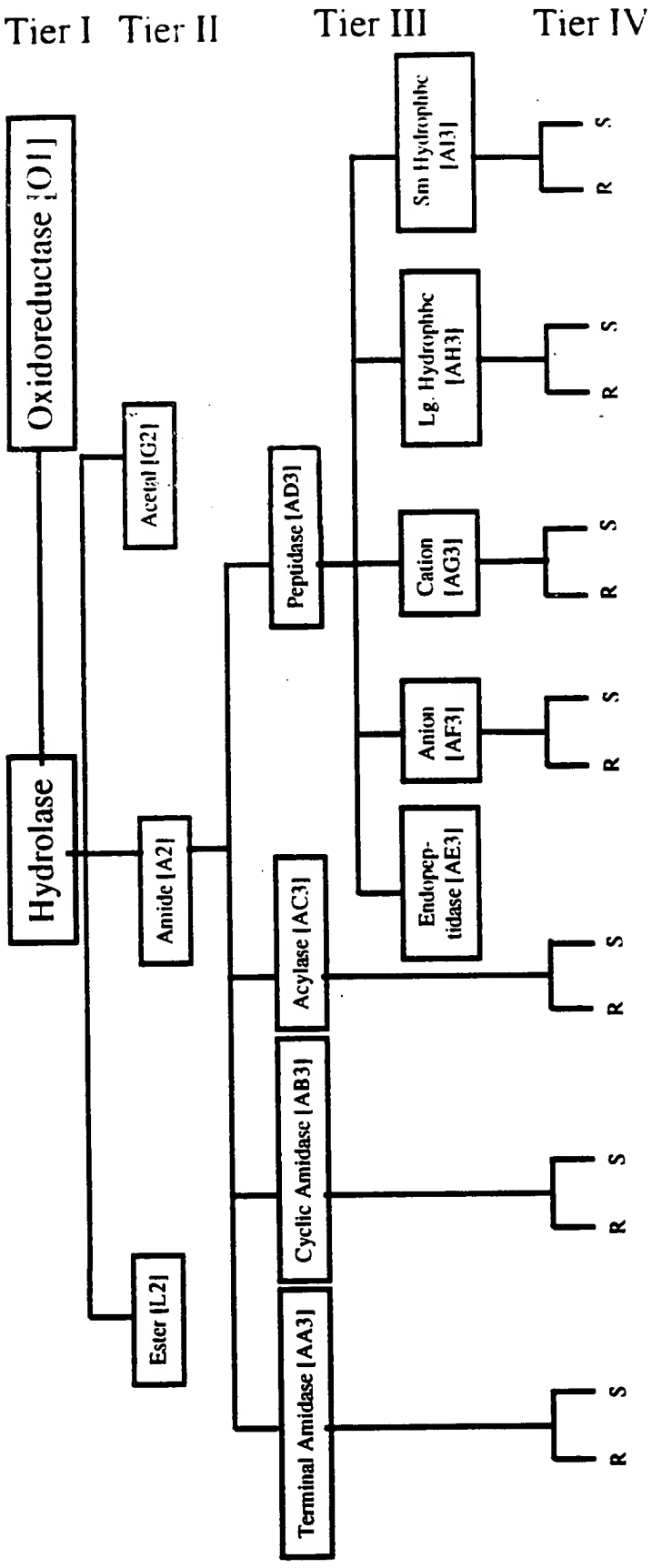

Tier I
Tier II
Tier III
Tier IV
Oxidoreductase [O1]
Hydrolase
Acetal [G2]
Amide [A2]
Ester [L2]
Peptidase [AD3]
Acylase [AC3]
Cyclic Amidase [AB3]
Terminal Amidase [AA3]
Endopep-tidase [AE3]
Anion [AF3]
Cation [AG3]
Lg. Hydrophbc [AH3]
Sm Hydrophbc [AI3]
R
S

Figure 2

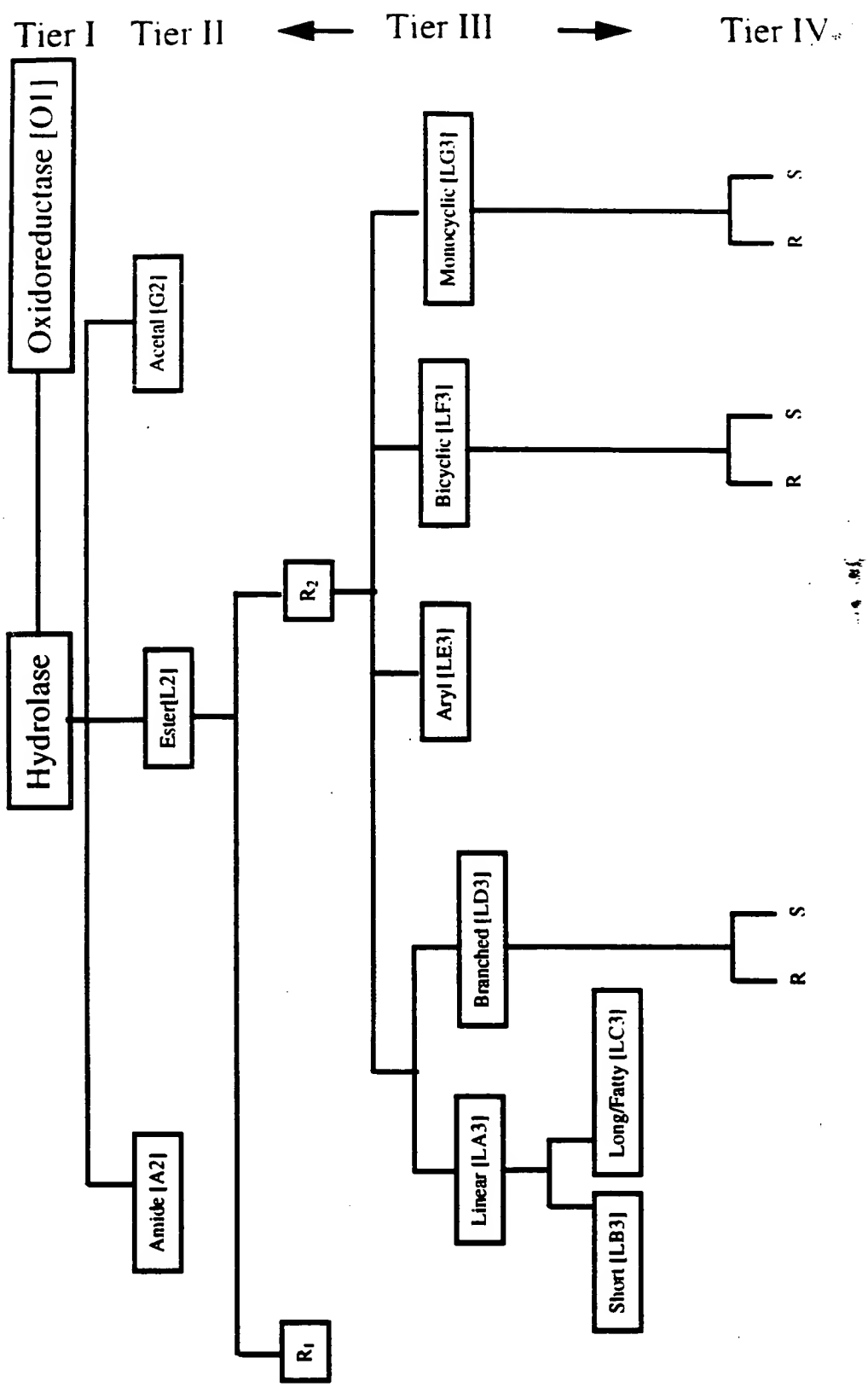

Tier I
Tier II
Tier III
Tier IV
Oxidoreductase [O1]
Hydrolase
Acetal [G2]
Ester[L2]
Amide [A2]
R1
R2
Monocyclic [LG3]
Bicyclic [LF3]
Aryl [LE3]
Branched [LD3]
Linear [LA3]
Long/Fatty [LC3]
Short [LB3]
S
R
S
R
S
R

Figure 3

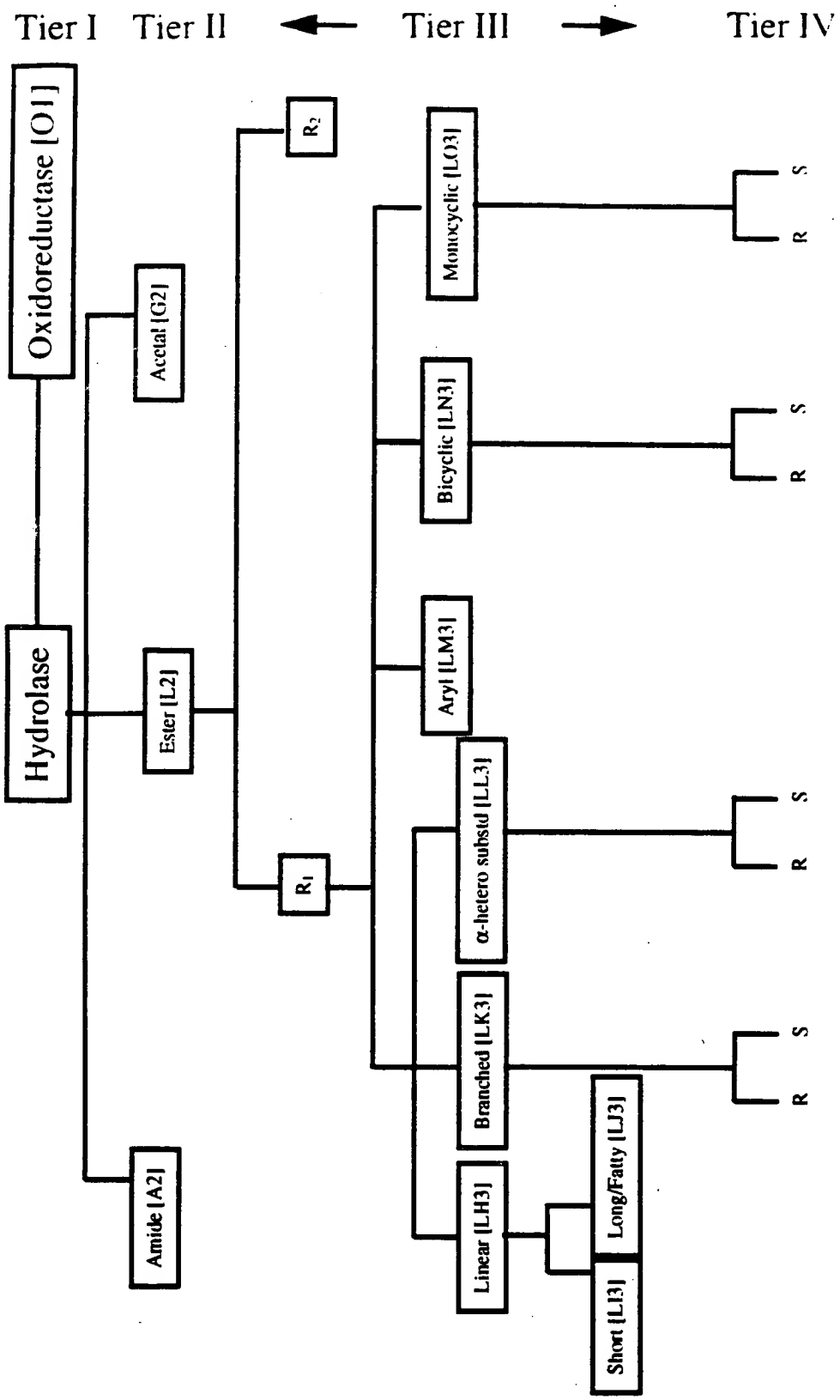
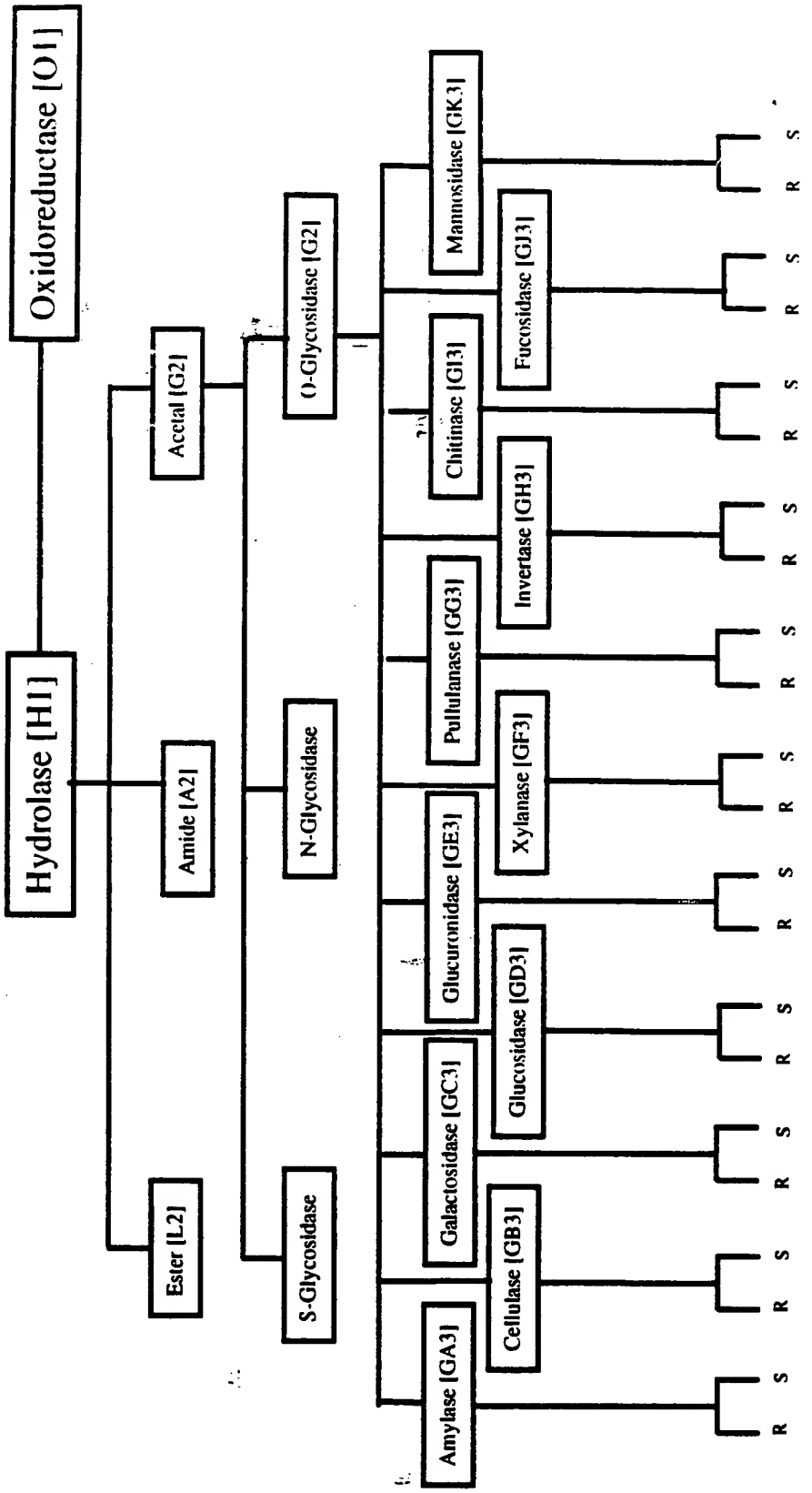

Tier I
Tier II
Tier III
Tier IV
Oxidoreductase [O1]
Hydrolase
Acetal [G2]
Ester [L2]
Amide [A2]
R2
R1
Monocyclic [LO3]
Bicyclic [LN3]
Aryl [LM3]
α-hetero substd [LL3]
Branched [LK3]
Linear [LH3]
Long/Fatty [LJ3]
Short [LI3]
R
S
R
S
R
S
R
S

Figure 4


Tier I
Tier II
Tier III
Tier IV
Oxidoreductase [O1]
Hydrolase [H1]
Amide [A2]
Ester [L2]
Acetal [G2]
O-Glycosidase [G2]
N-Glycosidase
S-Glycosidase
Mannosidase [GK3]
Fucosidase [GJ3]
Chitinase [GI3]
Invertase [GH3]
Pullulanase [GG3]
Xylanase [GF3]
Glucuronidase [GE3]
Glucosidase [GD3]
Galactosidase [GC3]
Cellulase [GB3]
Amylase [GA3]
R S
R S
R S
R S
R S
R S
R S
R S
R S
R S